## All Recommendations

Monday, October 01, 2012 2:52:46 PM

Record	I ABU	Unit	I/R	Item Nbr	Additional Consideration (Recommendation)	ABU Proposal	Resolution	Verifier Comments	Verifier Name	Verified On	Due Date	RR SOE	Assigned To	Status
16723	B&S	Long Wharf & LERP	2008	;	1. Concern: Hydraulic shock will result in hoses breaking away leading to personnel injury, spill and/or equipment damage. Currently doing root cause analysis in order to determine what other additional safeguards may be put in place.	Once Root Cause analysis is complete, an implementation plan will be developed. PSM department will be notified so that risk ranking can be reduced.	The root cause analysis was completed. A procedure has been implemented and accepted by Chevron Shipping. The procedure is a shipping procedure and not a terminal procedure. In brief the vessel is to only open drops no more than 25% to maintain back pressure on line.	Procedure is a vessel procedure and is included in the vessel orders for each load	Damm, Dwight E.	7/22/2009	10/1/2009	5 S	Damm, Dwight E.	Completed
16724	B&S	Long Wharf & LERP	2008	; ; ;	3. Concern is that the 2" natural gas header may be open to the suction of vacuum pump leading to overpressuring of V-1201. This may result in potential fire and personnel injury. Consider removing drop out spool or air gap the line.	This will be researched why it is blinded vs. drop out. If it is a drop out spool, it will be dropped out, if not, the P&IDs will be updated accordingly.	Spool has been droped out or rotated out as of 4-6-09 line still blinded as before.	The spool is rotated out of system as per above.	Damante, Nicholas	4/9/2009	3/31/2009	7 5	Damm, Dwight E.	Completed
16725	B&S	Long Wharf & LERP	2008		2. Concern is that release of N2 may go undetected resulting in a potential for personnel injury. N2 is odorless and could result in loss of life. Consider adding a pressure or flow meter on N2 line	Declined. The physical location of the line does not present any exposure risk to personnel on the Wharf. There is a 200 gallon limit on the volume of the release based on the tank size and this volume. This release would be in a area open to atmospheric conditions, not an emclosed area, and does not present an exposure risk to personnel on the wharf.					10/1/2009	9 5	Damm, Dwight E.	Declined
16726	B&S	Long Wharf & LERP	2008	; ; ;	"4. Concern: Due to the condition of the water line, there may be inadequate fire suppression during an emergency at the Wharf that could result in fire and/or personnel injury. Consider repairing water line."	Declined; Due to the fact that there is an ongoing refinery program to inspect and repair any line leaks on fire water lines. Any clamps that may be on the line will be identified and the line repaired. Clamp installation and permanent repair is completed through the MOC process.					10/1/2009	6 S	Damm, Dwight E.	Declined
16727	B&S	Long Wharf & LERP	2008	,	5. Concern is that personnel are potential exposed to H2S vapors when sampling the black lines. Consider installing sample station on black oils.	Declined; Existing safeguards and procedures are deemed sufficient.					10/1/2009	7 S	Damm, Dwight E.	Declined

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16728	B&S	Long Wharf & LERP	2008	1 th re sy e: in	6. Concern is that corrosion of ne elbows in the vapor line may esult in air in the vapor recovery ystem leading to potential fire, xplosion and personnel njury. Consider repairing/eplacing the elbows."	Currently, there is an EWO in place to replace the elbow which is above T-min. (10/1/2008) Notify PSM when complete to reduce risk ranking.	Job of replacing the bad elbows was completed during the 2008 vapor recovery shut down inspection has all replacement records in place		Blume, Dale L.	1/7/2009	10/1/2009	6 S	Damm, Dwight E.	Completed

Totals: 6 Records